DEVICE FOR DISPLAYING IMAGES ON AN ACTIVE MATRIX

ABSTRACT

The invention relates to an active-matrix display device which comprises:

- an array of light emitters (2), each emitter being supplied by power supply means (V_{dd});
- a current modulator (14) having a trip-threshold voltage, said modulator being able to be addressed by applying a data setpoint (U_c, I_{data}) to one of its terminals and a drain current (I_d) being able to flow through said modulator in order to control said emitter (2); and
- trip-threshold voltage compensation means (12) comprising a comparator (28) for comparing the value of the drain current (I_d) with the value of the data setpoint (U_c) during a programming step.

The power supply means (V_{dd}) for the emitters are capable of supplying the emitters during the programming step.

Figure 1